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22429 7590 12/13/2007

**LOWE HAUPTMAN HAM & BERNER, LLP**  
**1700 DIAGONAL ROAD**  
**SUITE 300**  
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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)

(Signature)

(Date)

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10/082,334      | 02/26/2002  | Jong-Hyuk Roh        | P67658US0           | 4103             |

**TITLE OF INVENTION: METHOD FOR MODIFYING VALIDITY OF A CERTIFICATE USING BIOMETRIC INFORMATION IN PUBLIC KEY INFRASTRUCTURE-BASED AUTHENTICATION SYSTEM**

| APPLN. TYPE    | SMALL ENTITY | ISSUE FEE DUE | PUBLICATION FEE DUE | PREV. PAID ISSUE FEE | TOTAL FEE(S) DUE | DATE DUE   |
|----------------|--------------|---------------|---------------------|----------------------|------------------|------------|
| nonprovisional | YES          | \$720         | \$300               | \$0                  | \$1020           | 03/13/2008 |

| EXAMINER                 | ART UNIT | CLASS-SUBCLASS |
|--------------------------|----------|----------------|
| PERUNGAVOO, VENKATANARAY | 2132     | 713-175000     |

|   |   |                                |
|---|---|--------------------------------|
| 1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).  | 2. For printing on the patent front page, list<br>(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,<br>(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. | Lowe Hauptman Ham & Berner LLP |
| <input type="checkbox"/> Change of correspondence address (or Change of Correspondence Address form PTO/SB/12) attached.  | 2.  | 2.                             |
| <input type="checkbox"/> "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47, Rev 03-04 (or more recent) attached. Use of a Customer Number is required. | 3.  | 3.                             |

**3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)**

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY AND STATE OR COUNTRY)

Electronics and Telecommunications Research Institute Daejeon, Republic of Korea

Please check the appropriate assignee category or categories (will not be printed on the patent):  Individual  Corporation or other private group entity  Government

4a. The following fee(s) are submitted:

Issue Fee  
 Publication Fee (No small entity discount permitted)  
 Advance Order - # of Copies \_\_\_\_\_

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A check is enclosed.  
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 The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number 07-1337 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.  
 b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

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Authorized Signature /Yoon S Ham/

Date March 5, 2005

Typed or printed name Yoon S. Ham

Registration No. 45,307

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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